

Title (en)

Holographic ROM system including an alignment apparatus for aligning a holographic medium and a mask

Title (de)

Holographisches ROM-System mit einer Vorrichtung zum Ausrichten eines holographischen Mediums und einer Maske

Title (fr)

Système holographique ROM avec un dispositif d'alignement d'un support holographique et d'un masque

Publication

EP 1494221 A3 20060607 (EN)

Application

EP 04013732 A 20040611

Priority

KR 20030043151 A 20030630

Abstract (en)

[origin: EP1494221A2] A holographic ROM system includes an alignment apparatus for aligning a holographic medium for storing data and a mask with patterns of the data. The alignment apparatus has a beam irradiating unit (102,104,106) for irradiating a light beam to alignment marks of the holographic medium and the mask; an alignment mechanism (108) for moving at least one of the holographic medium (108a) and the mask (108b) in response to a control signal; a photo detecting unit (110) for detecting the beam passing through the alignment marks (108a1,108b1) of the holographic medium and the mask while the holographic medium and/or the mask being moved; and a control unit (112) for generating the control signal, the control unit controlling the alignment mechanism based on intensity of the beam detected by the photo detecting unit.

IPC 8 full level

G03H 1/04 (2006.01); **G11B 7/0065** (2006.01); **G03F 9/00** (2006.01); **G11B 7/135** (2006.01); **G11B 7/26** (2006.01); **G11B 7/28** (2006.01)

CPC (source: EP KR US)

G03F 9/7003 (2013.01 - EP US); **G11B 7/0065** (2013.01 - KR); **G11B 7/1384** (2013.01 - KR); **G11B 7/26** (2013.01 - EP US); **G11B 7/28** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (publication)

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